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Search result

QUERY	
Search done on	9.12.2006 (20:59h)
Search ID	10550019
Database	Metallic compounds
Composition (Dimension weight-%, Limit for optional components: 0)	C: 0.5-0.8 * Si: 1.2-2.5 * Mn: 0.2-1.5 * CR: 1.5-4.0 * V: 0-0.5 * P: 0.00001-0.02 * S: 0.00001-0.02 * AL: 0.00001-0.01 * FE: BALANCE
Sorted according to	Date of publication descending

Compositions

Hits 101

1 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 9.12.2006 (20:59h)	
Field	Content
Publication	EP1728883 A1 06.12.2006
Priority	JP2004057379 02.03.2004
Application	EP0103200505719710
Applicant	Honda Motor Co., Ltd.; Saga Tekkoshu Co., Ltd.; Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
Inventor	Takashima, Mitsuo, Takada, Kentaro, Iida, Zenji und Miterfinder
Title	High strength bolt excellent in characteristics of resistance to delayed fracture and resistance to relaxation
Info	
IPC	C22C038/00
Composition nr.	1 Composite component -
Composition	[weight-%]: C: 0.5-1 * Si: 0.55-3 * Mn: 0.2-2 * P: (0)-0.03 * S: (0)-0.03 * AL: (0)-0.3 * CR: 0-2.5 * CO: 0-0.5 * NI: 0-1 * CU: 0-1 * B: 0-0.003 * MO + V + NB + Ti + W: 0-0.5 * FE: REST
Keywords	(english) (german)
	BAINITE BAINIT
	FERRITE FERRIT
	HEAT-TREATMENT WÄRMEBEHANDLUNG
	MARTENSITE MARTENSIT
	PERLITE PERLIT
	PLASTIC PLASTISCH
	TENSILE-STRENGTH ZUGFEST